

Pipex px[®] PROTECTION SYSTEMS Pipex px[®] Baffles, Barriers and Bunds



(FRP shoring installed)

Project	FRP Replacement Shoring
Location	Brighton & Hove
Client	Network Rail
Contractor	Dyer and Butler
Designer	Crouch Waterfall and Partners
Market	Transport



Pipex px[®] FRP products are manufactured using the highest quality, advanced composite materials from leading manufacturer Strongwell[®]. Pipex px[®] are the sole UK distributor of Strongwell[®]

Scope of Work

Supply and Fabricate FRP Shoring panels to replace worn out existing timber shoring. Panels fabricated from back to back channel columns with angle cross bracing, supplied in units 11000mm x 2000mm to be craned into place during a night possession on railway embankment. This was a new and innovative use of FRP structural profiles; the comparatively light weight of the assembled panels simplified lifting operations during installation.

Unique Selling Points

- Light weight
- Prefabricated for easy onsite installation
- Non corrosive
- Low maintenance
- Design life expectancy 60+ years, depending on application



(Before: Corroding & overgrown wooden shoring)



(Shoring packed onto 1 lorry for delivery)



(FRP shoring bolted into position)



(After: None corrosive FRP shoring installed to support bank)

PXPSCCH265